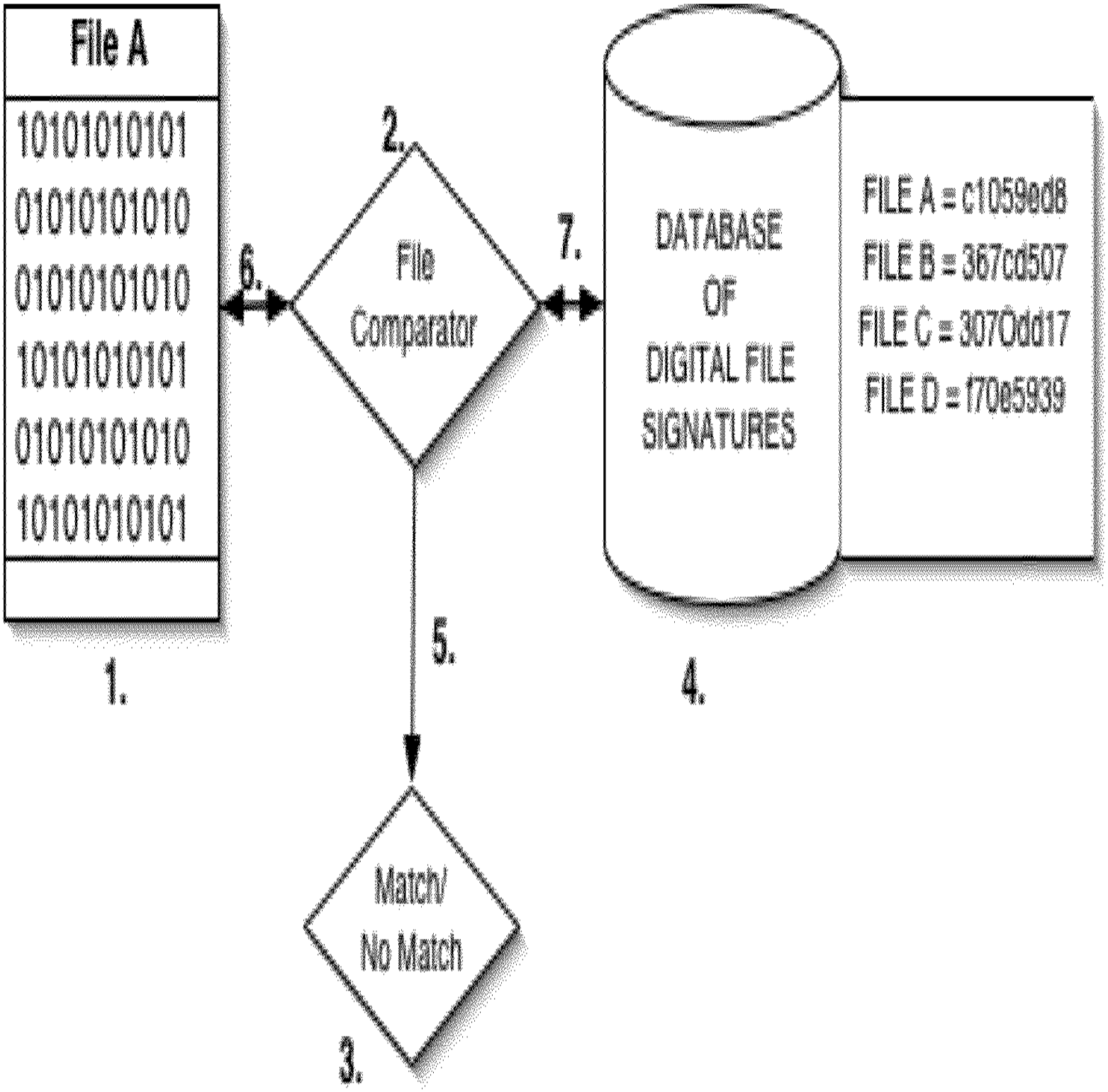
File A
10101010101
01010101010
01010101010
10101010101
01010101010
10101010101
1.
2.
File Comparator
3.
Match/ No Match
4.
DATABASE OF DIGITAL FILE SIGNATURES
FILE A = c1059dd8
FILE B = 367c0507
FILE C = 307Odd17
FILE D = f70b5939
5.
6.
7.

FIGURE 1

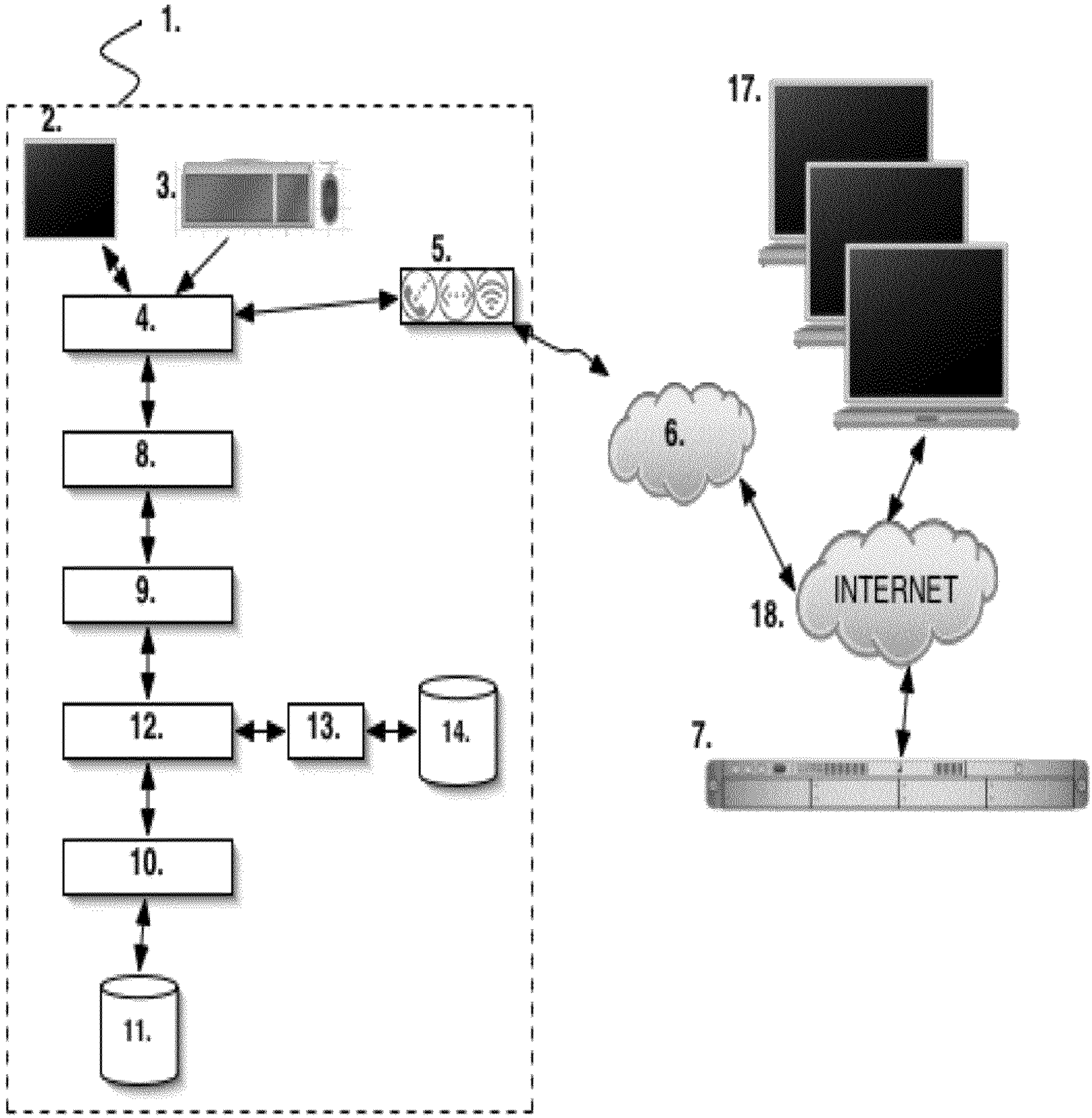

FIGURE 2

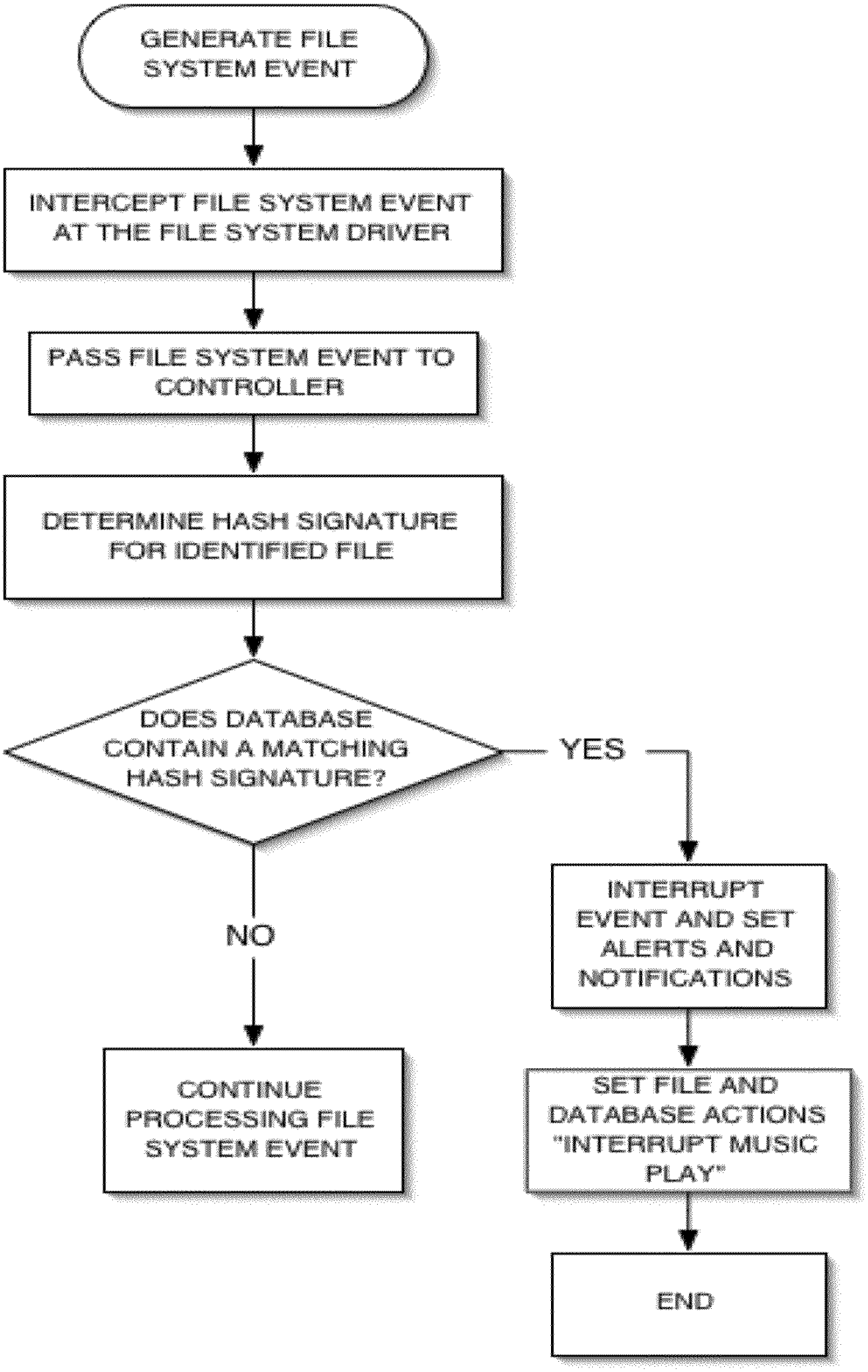
GENERATE FILE SYSTEM EVENT
INTERCEPT FILE SYSTEM EVENT AT THE FILE SYSTEM DRIVER
PASS FILE SYSTEM EVENT TO CONTROLLER
DETERMINE HASH SIGNATURE FOR IDENTIFIED FILE
DOES DATABASE CONTAIN A MATCHING HASH SIGNATURE?
YES
NO
INTERRUPT EVENT AND SET ALERTS AND NOTIFICATIONS
CONTINUE PROCESSING FILE SYSTEM EVENT
SET FILE AND DATABASE ACTIONS "INTERRUPT MUSIC PLAY"
END

FIGURE 3

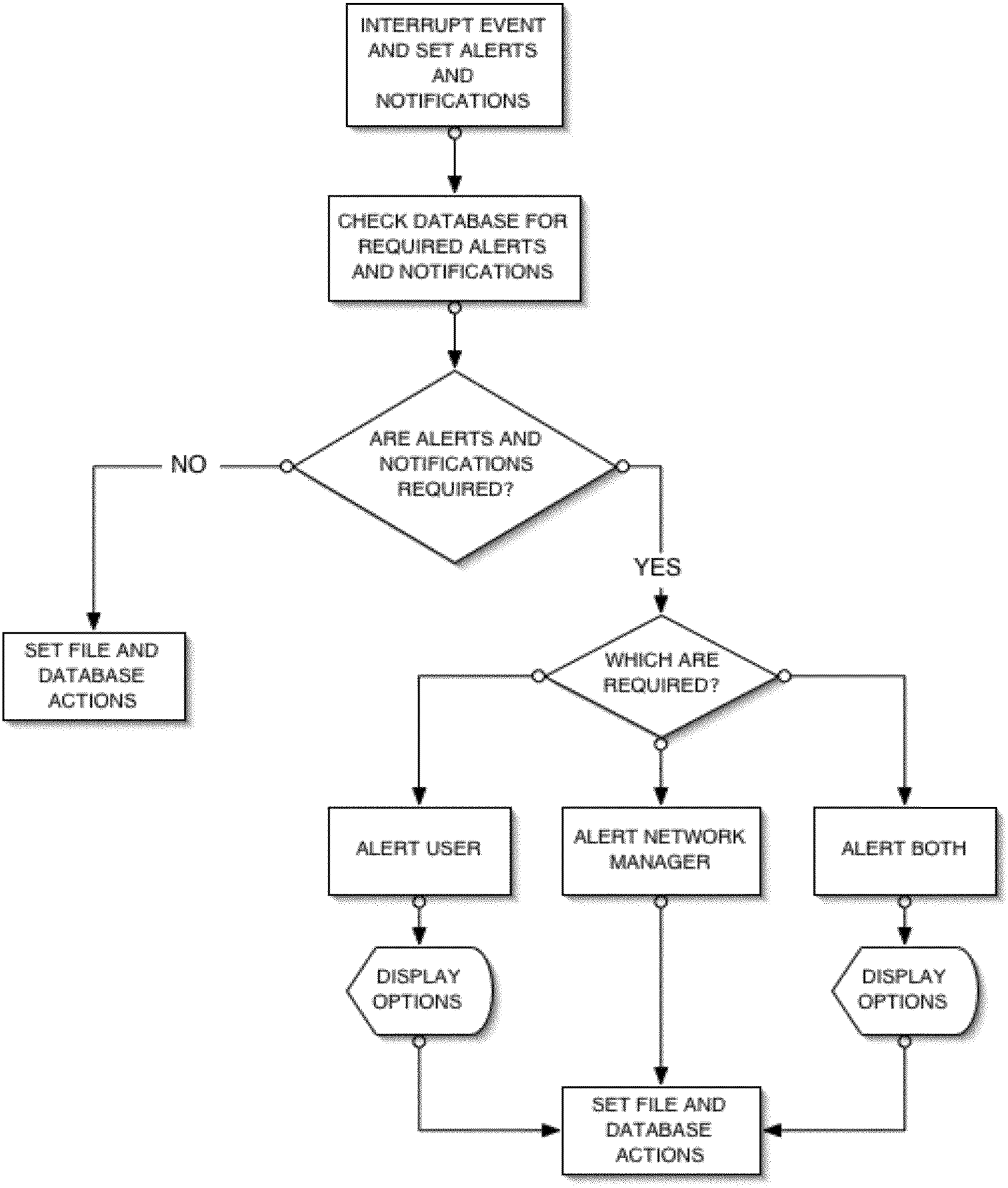
INTERRUPT EVENT AND SET ALERTS AND NOTIFICATIONS
CHECK DATABASE FOR REQUIRED ALERTS AND NOTIFICATIONS
ARE ALERTS AND NOTIFICATIONS REQUIRED?
NO
YES
SET FILE AND DATABASE ACTIONS
WHICH ARE REQUIRED?
ALERT USER
ALERT NETWORK MANAGER
ALERT BOTH
DISPLAY OPTIONS
DISPLAY OPTIONS
SET FILE AND DATABASE ACTIONS

FIGURE 4

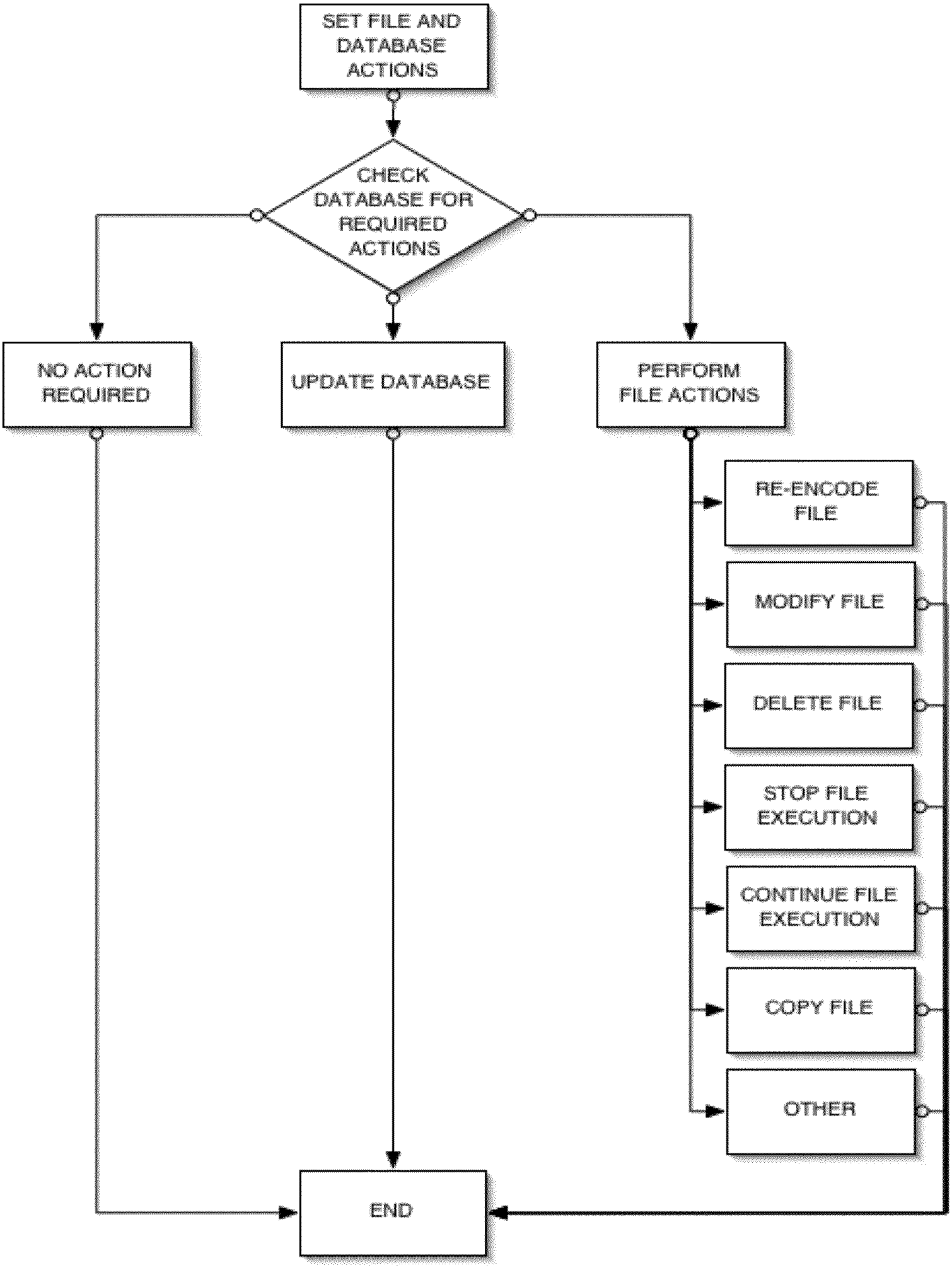
SET FILE AND DATABASE ACTIONS
CHECK DATABASE FOR REQUIRED ACTIONS
NO ACTION REQUIRED
UPDATE DATABASE
PERFORM FILE ACTIONS
RE-ENCODE FILE
MODIFY FILE
DELETE FILE
STOP FILE EXECUTION
CONTINUE FILE EXECUTION
COPY FILE
OTHER
END

FIGURE 5

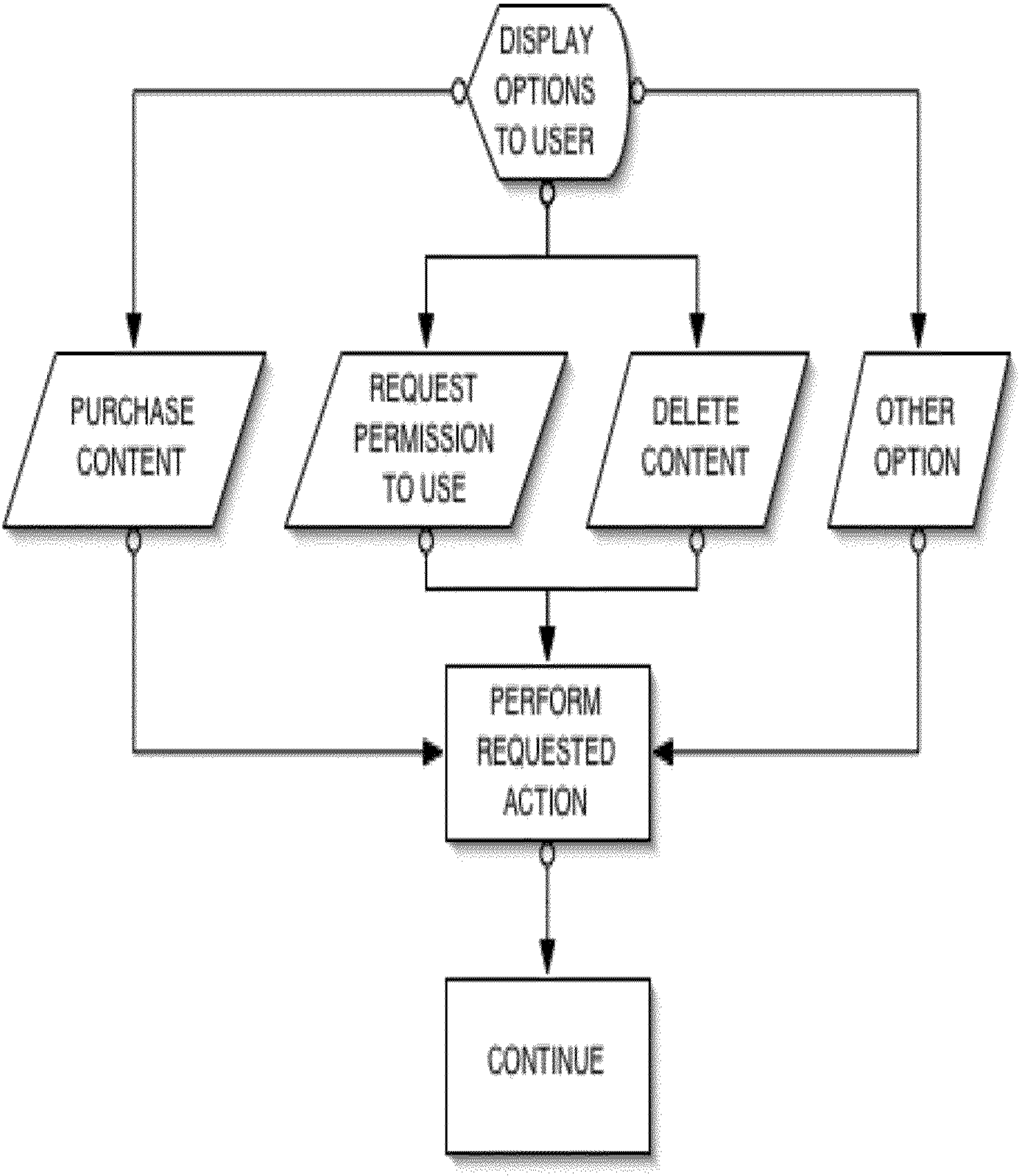
DISPLAY OPTIONS TO USER
PURCHASE CONTENT
REQUEST PERMISSION TO USE
DELETE CONTENT
OTHER OPTION
PERFORM REQUESTED ACTION
CONTINUE

FIGURE 6